

Fig. 1A

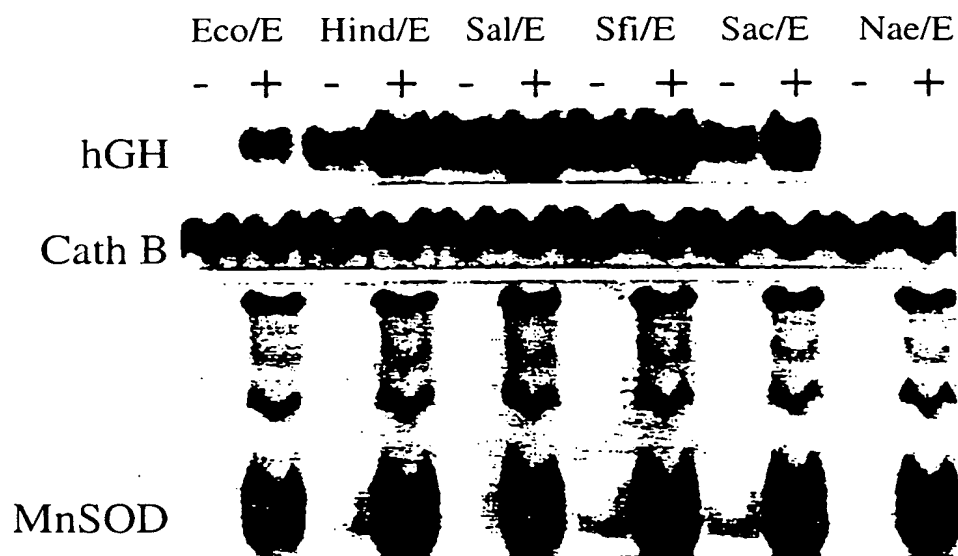


Fig. 1B

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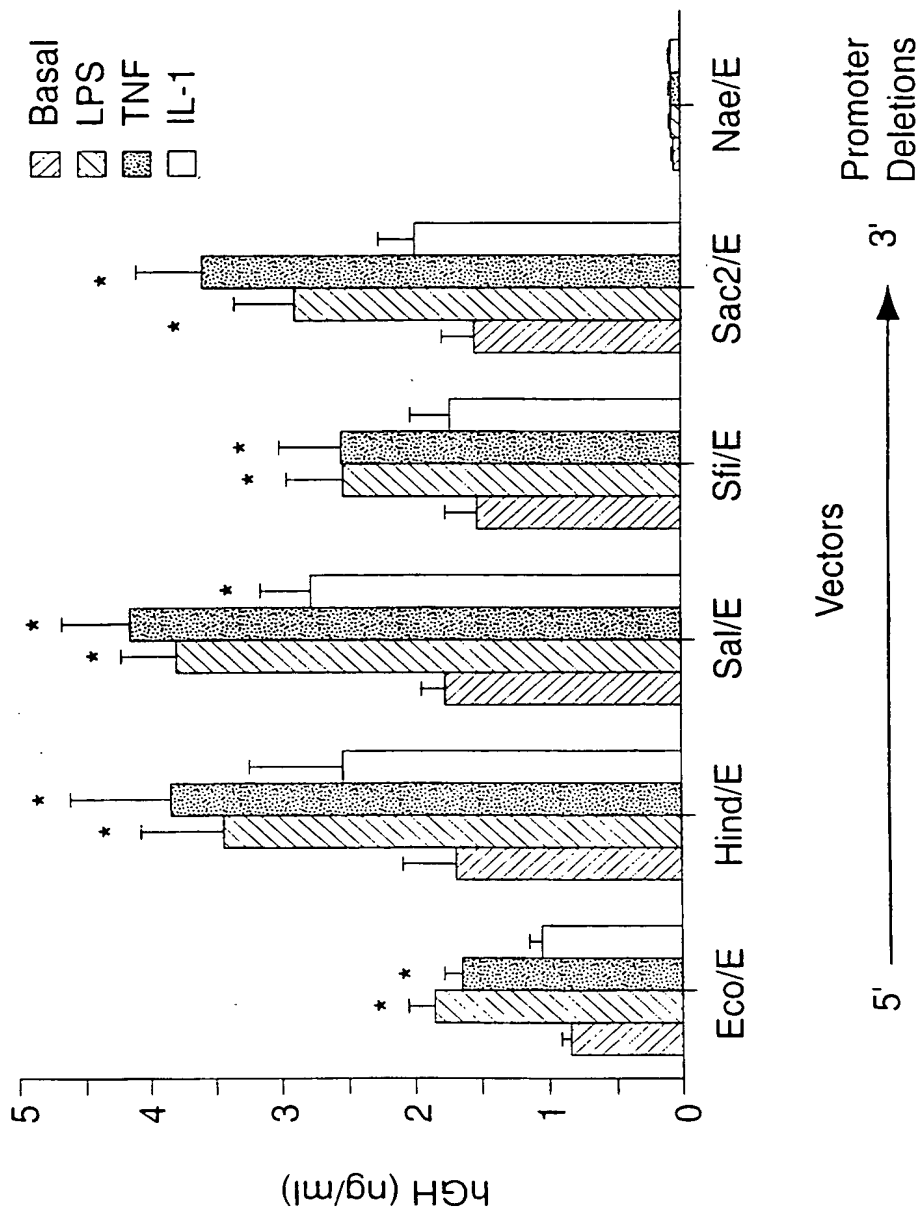


Fig. 1C

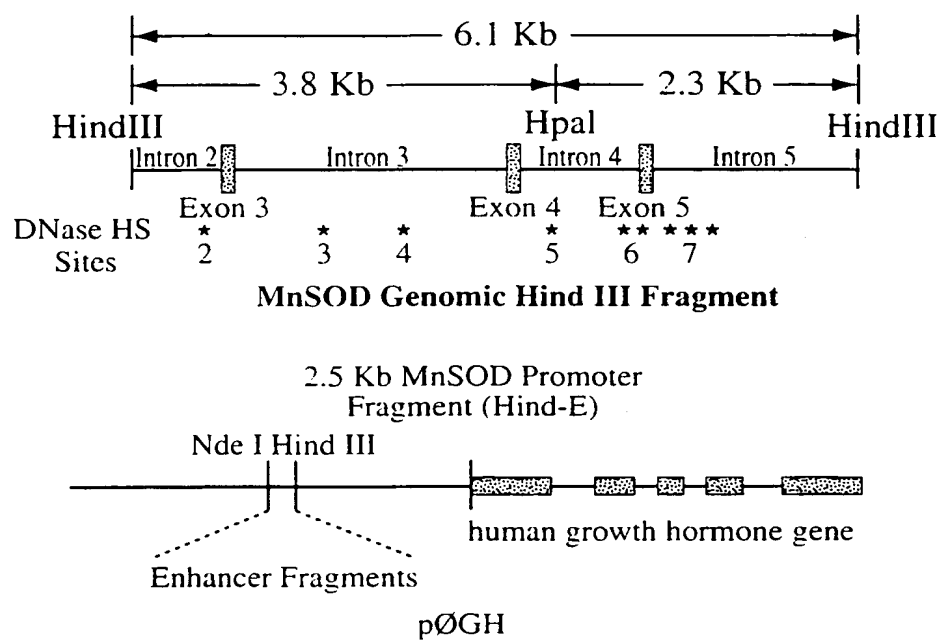


Fig. 2A

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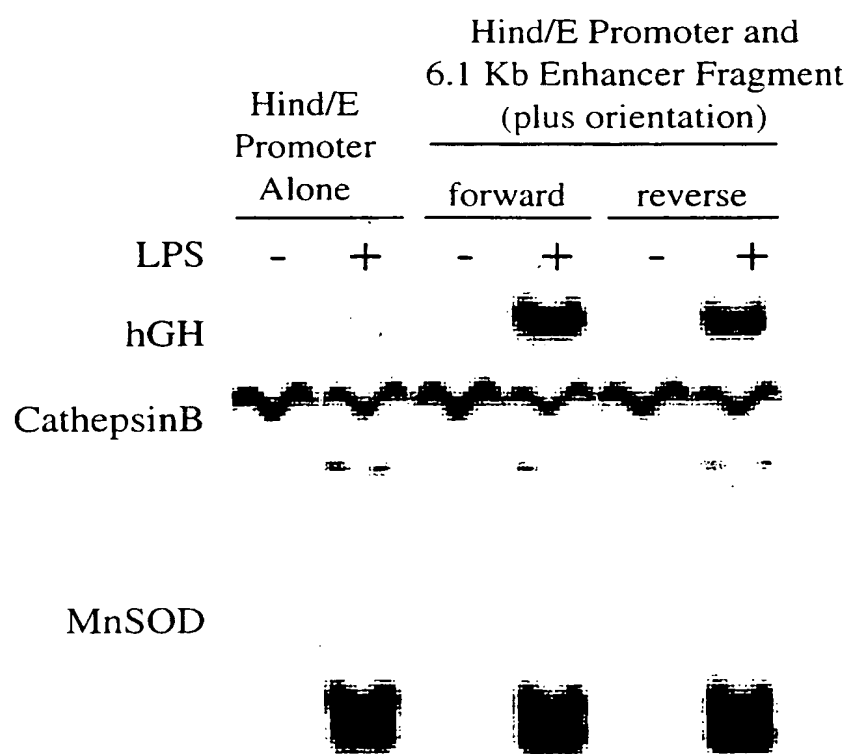


Fig. 2B

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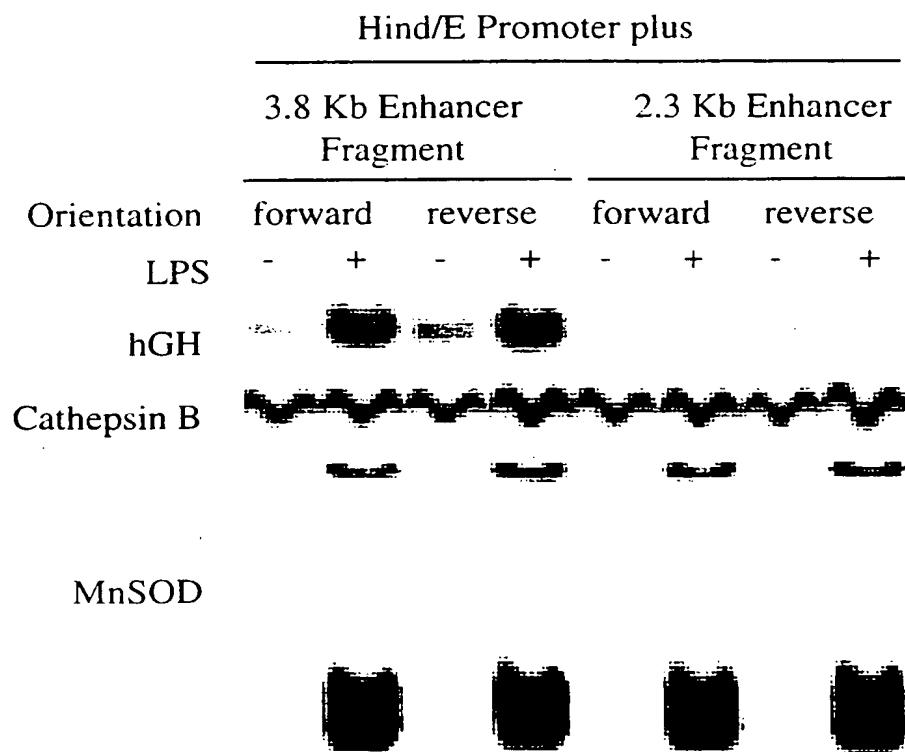


Fig. 2C

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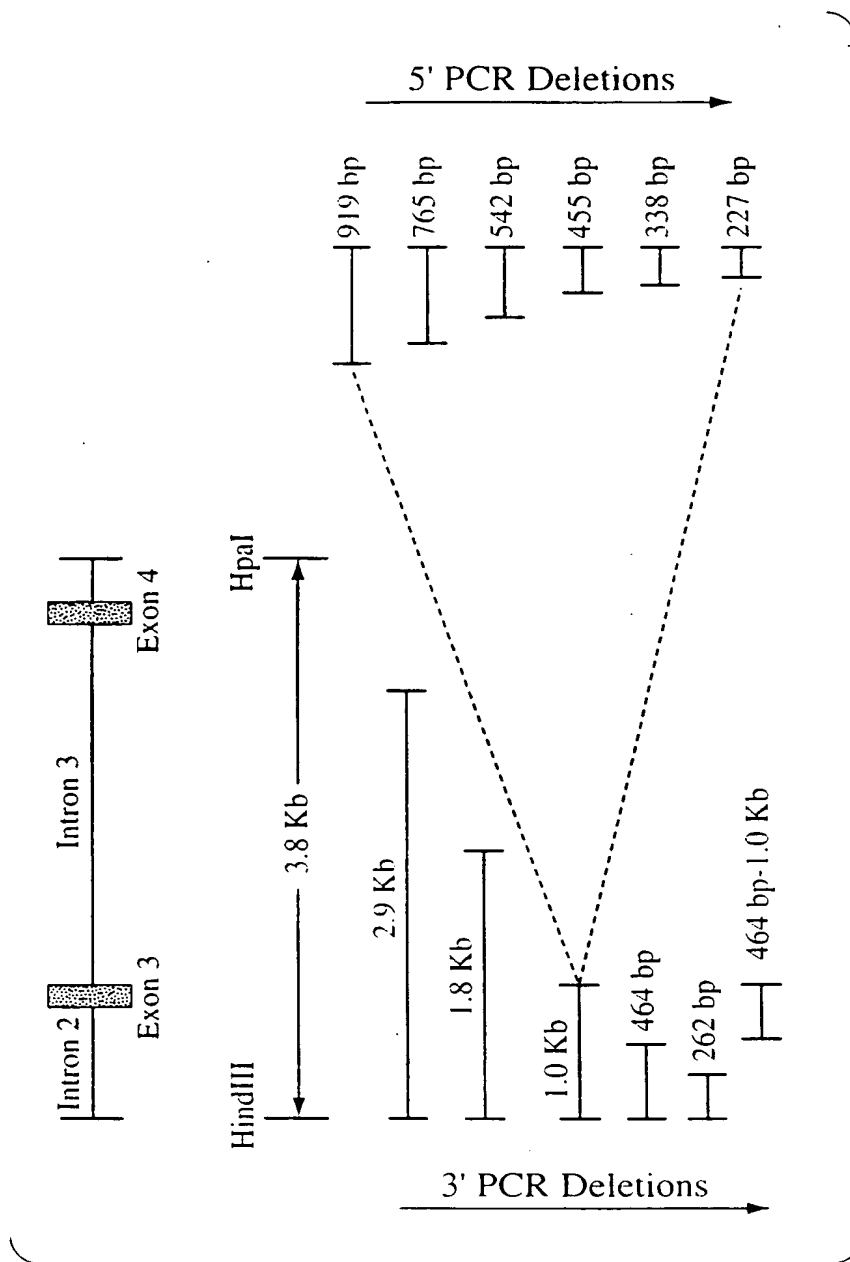


Fig. 3A

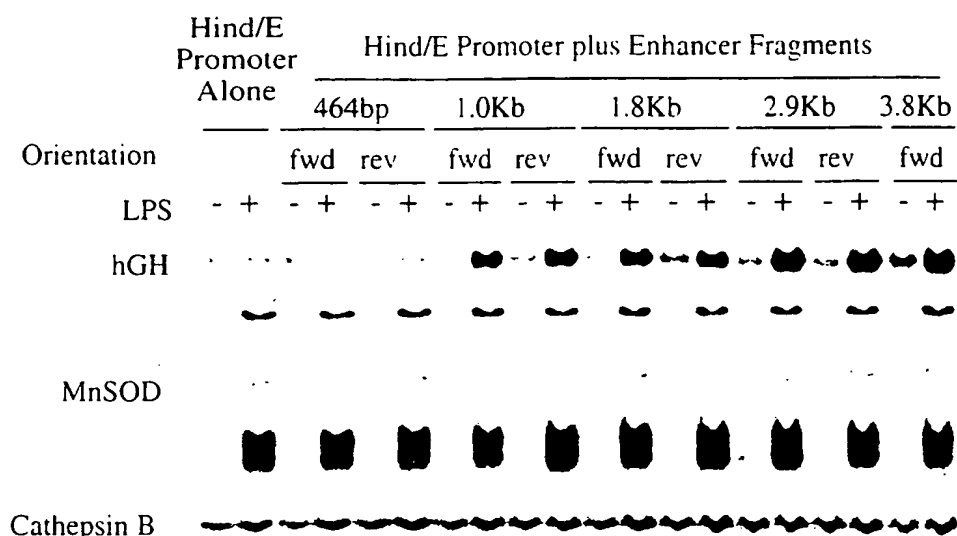


Fig. 3B

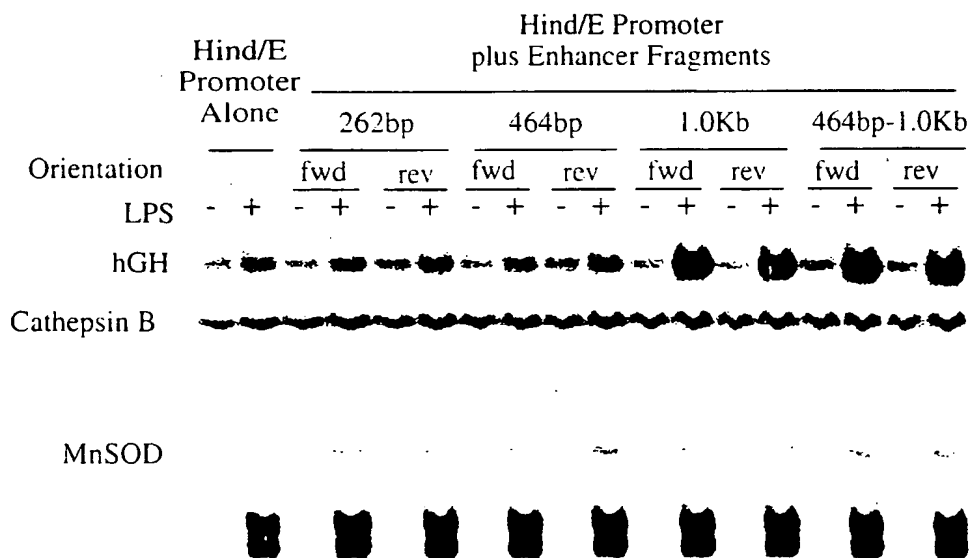


Fig. 3C

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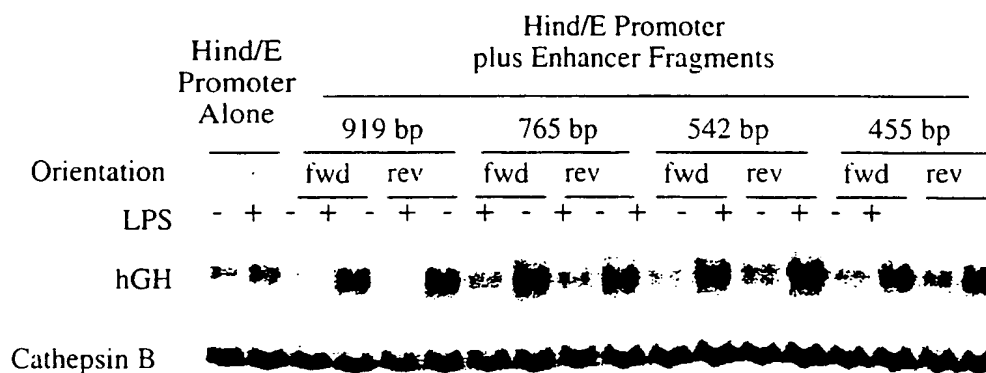


Fig. 3D

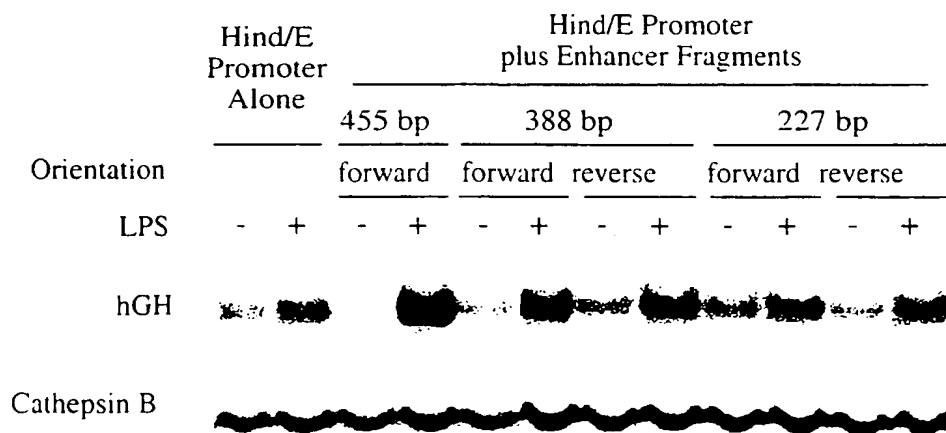


Fig. 3E

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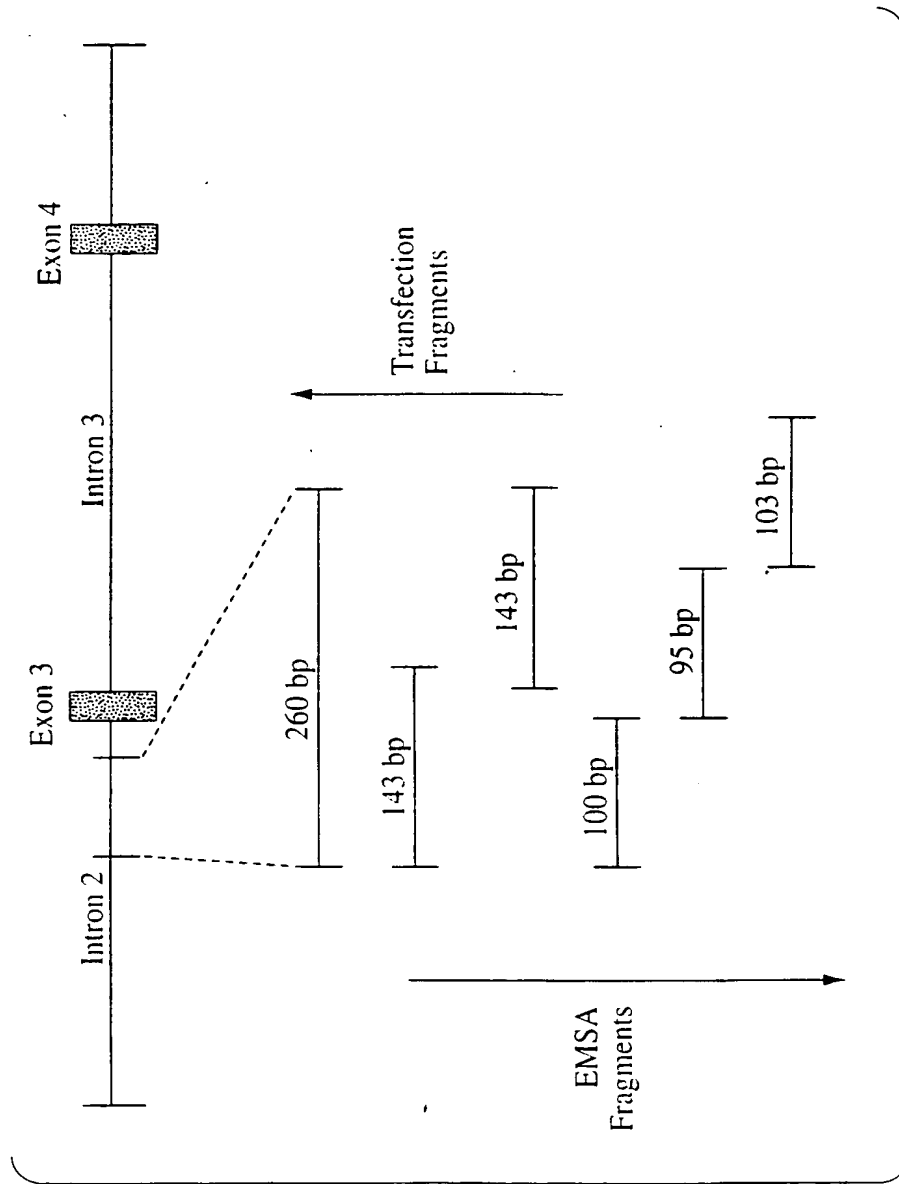


Fig. 4A

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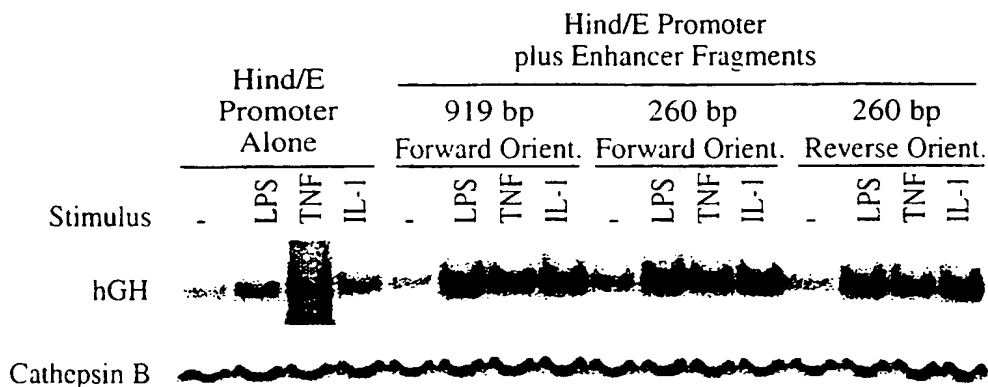


Fig. 4B

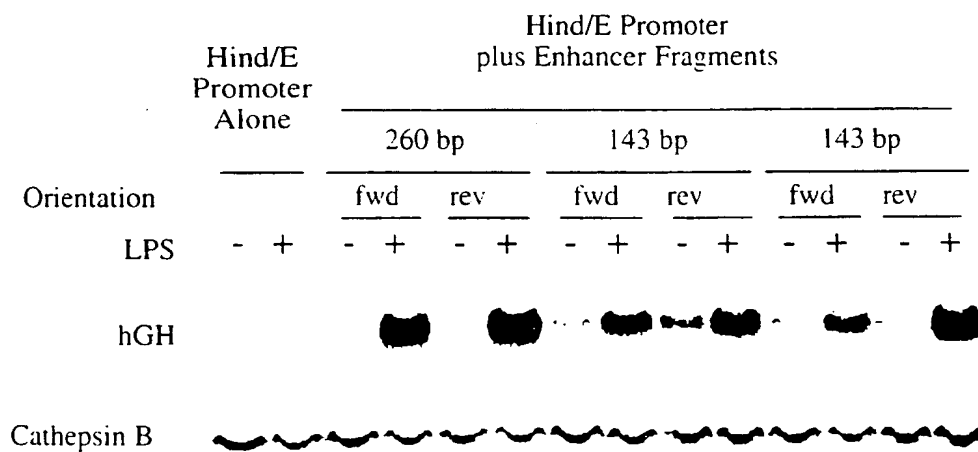


Fig. 4C

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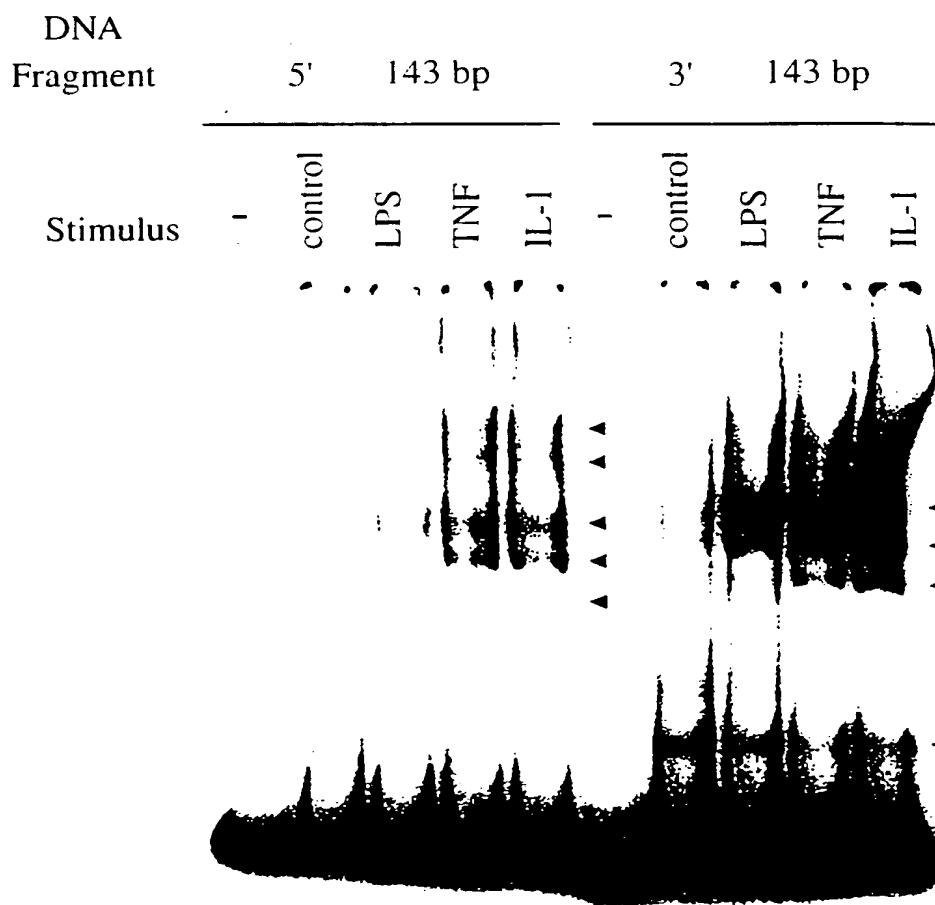


Fig. 4D

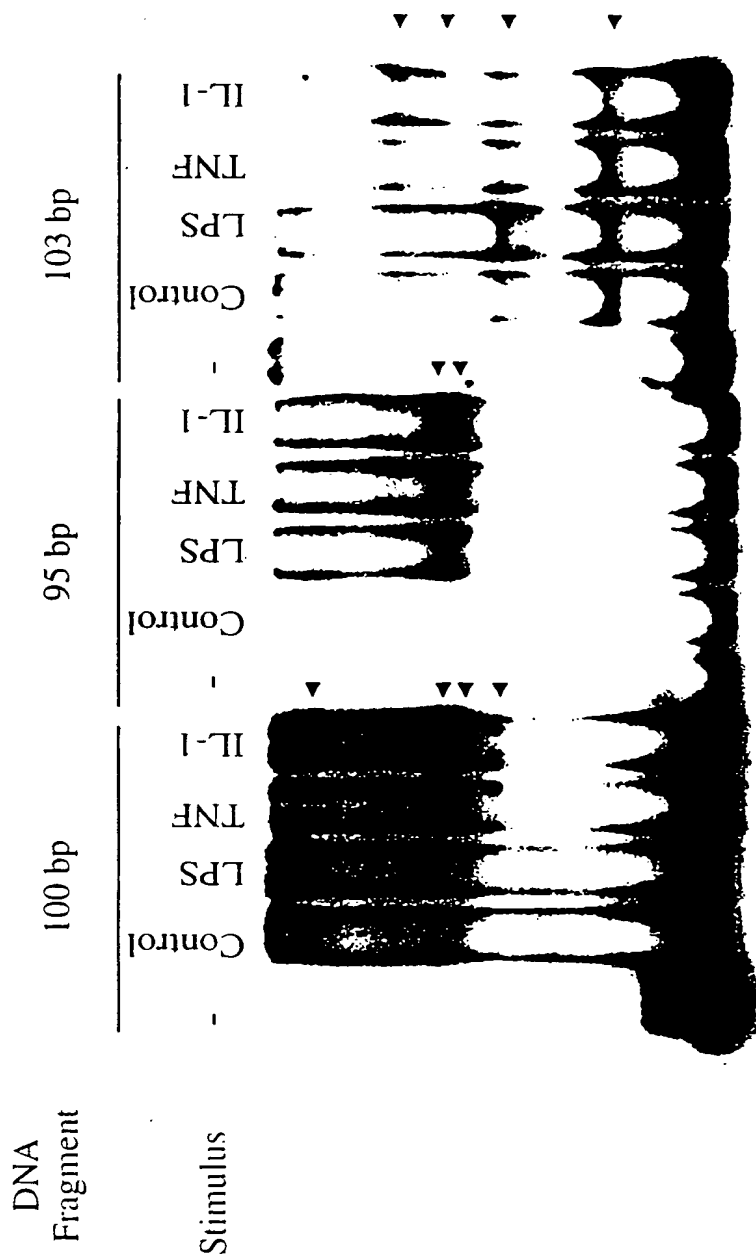


Fig. 4E

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4231
RAT 4190 GGGGCATCTAGTGGAGAAGTGTGGTATTTTAGCATAGTTGTGTAAGTGGCCCAACCAAGAG
| | | | | | | | | | | | | | | | | | | | | |
HUM 2577 GAGGCATCTAGTGGAAAAATGCAGTATTTTCAGCCCTGATTGTGTTGAAGTAAATGATTAAAGAG

4251 AAGGAAATTACCACATTTCTGGAAATTTTACTTGCAATAAGCAATCACATAATCGTGAATACGGGAAGAGACTC
| | | | | | | | | | | | | | | | | | | | | |
HUM 2657 GAGGAAGTTACCACATTTCTGGAAAGATTTACTTGAGACAGACGAACTTGAATTACGGGAAAAGGCCCCG

4348 4374
RAT 4325 TGATTAGGAAATGACAGATTTGGGAAGGCTGTGGTAATAGTAGTAGGGGAAAAGCCAGTTGGGAAATCG
| | | | | | | | | | | | | | | | | | | | | |
HUM 2711 TGATTAGGAAATAACAAATTTGGGAAACATGTAATGGGGAGAGACTGGGGAATACCCAGTTGTGAAAGTA

4397 TTTCCCTCTAAGGTGACATCTGACAACTTTCCCTCTTAATGTTGTAAAAACAATGGT
| | | | | | | | | | | | | | | | | | | | | |
HUM 2783 CTTCCCTGTAAGGCAACATCTGACACCAGGAACCTTTCTCTTCAGTATTTTAAAA

4491
RAT 4451 GATTCAACCCCTCCGTGGAGACAGAGCTGTATTTGTTTAGTGAATGCTG
| | | | | | | | | | | | | | | | | | | | | |
HUM 2837 ACAACTTAATTCAGTCCTTTACTTGTGGAATCAGAGCCTTACTTATGTAA

Fig. 5

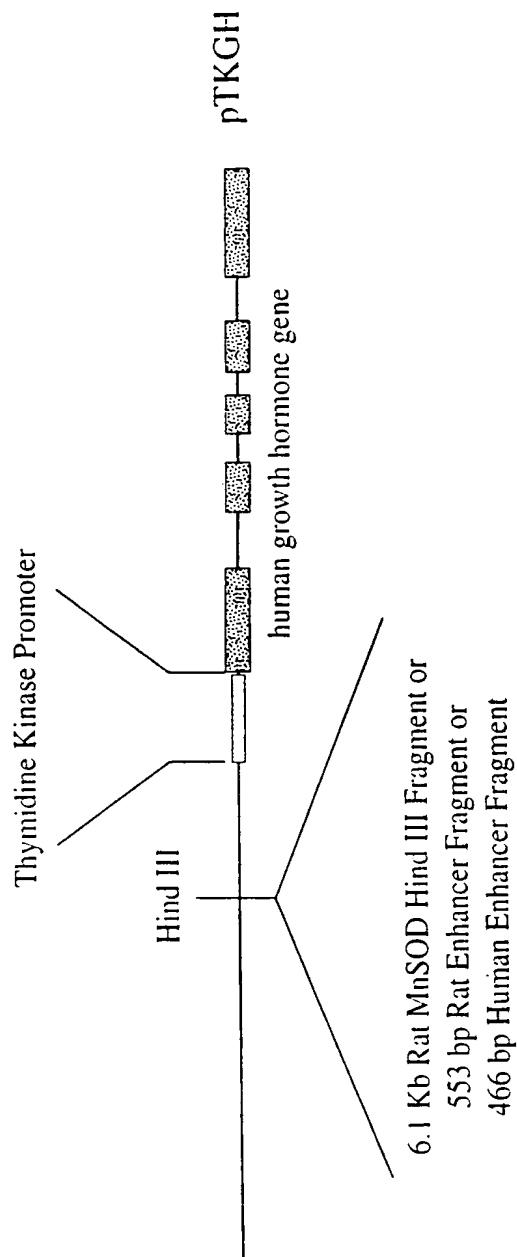


Fig. 6A

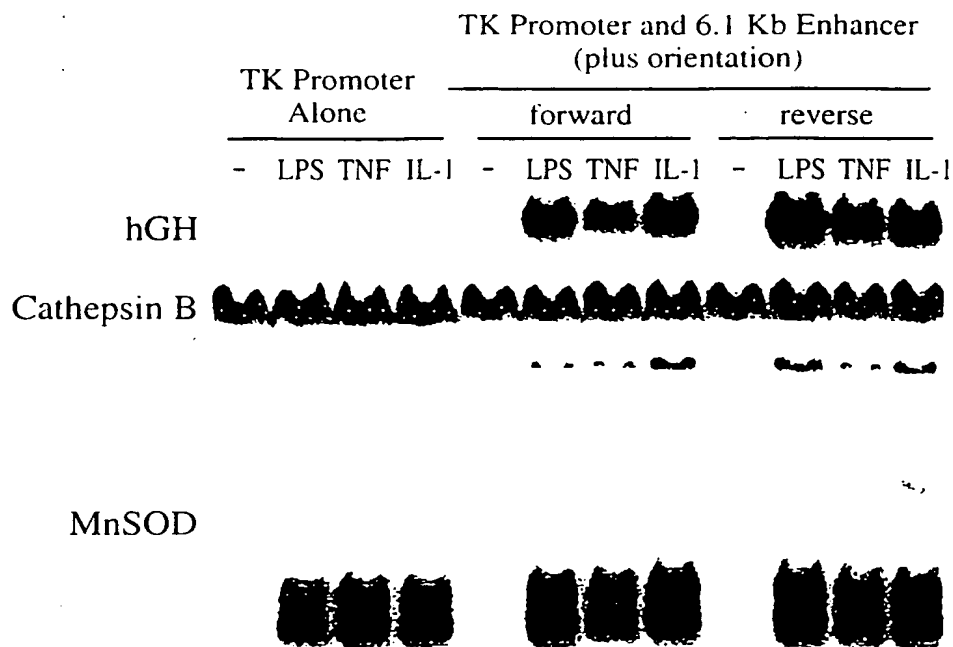


Fig. 6B

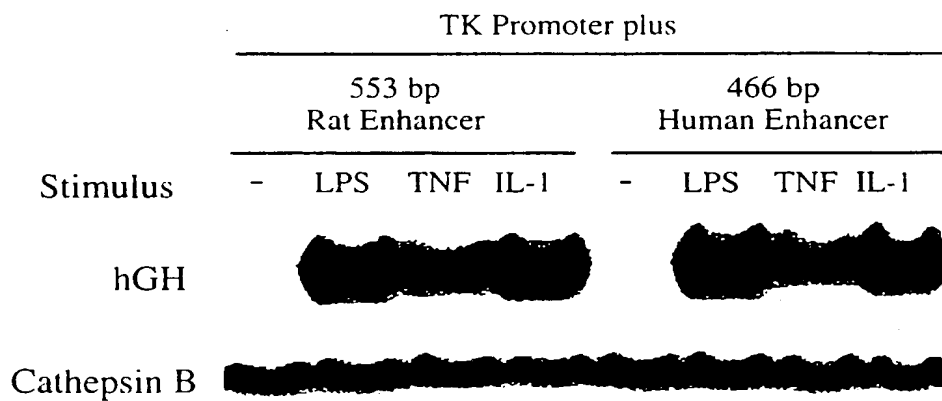


Fig. 6C

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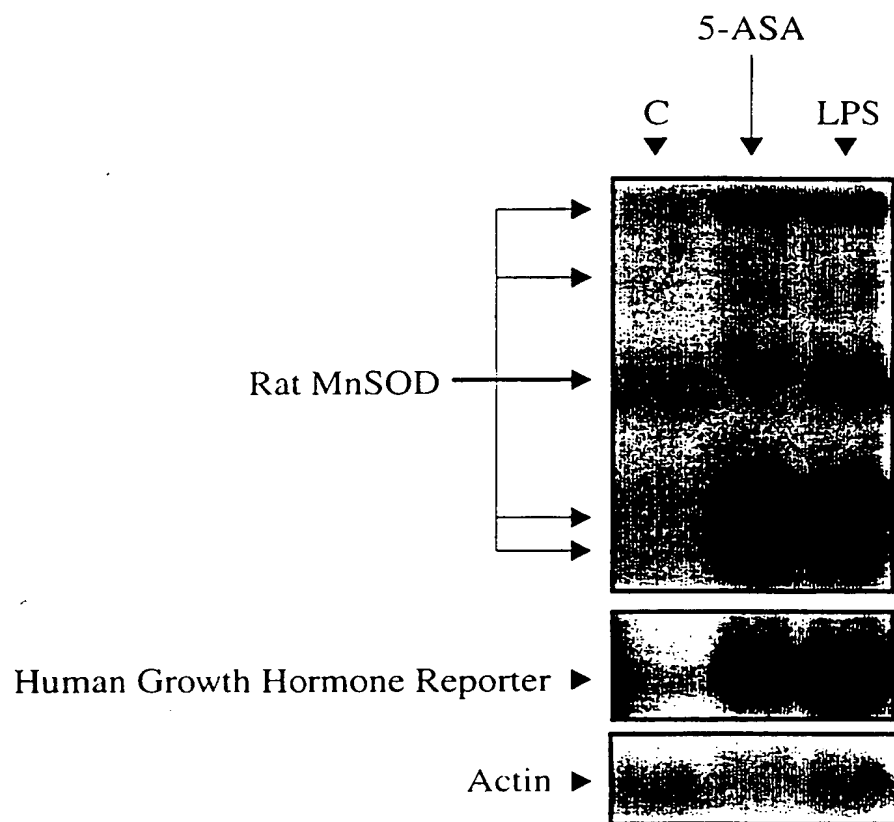


Fig. 7

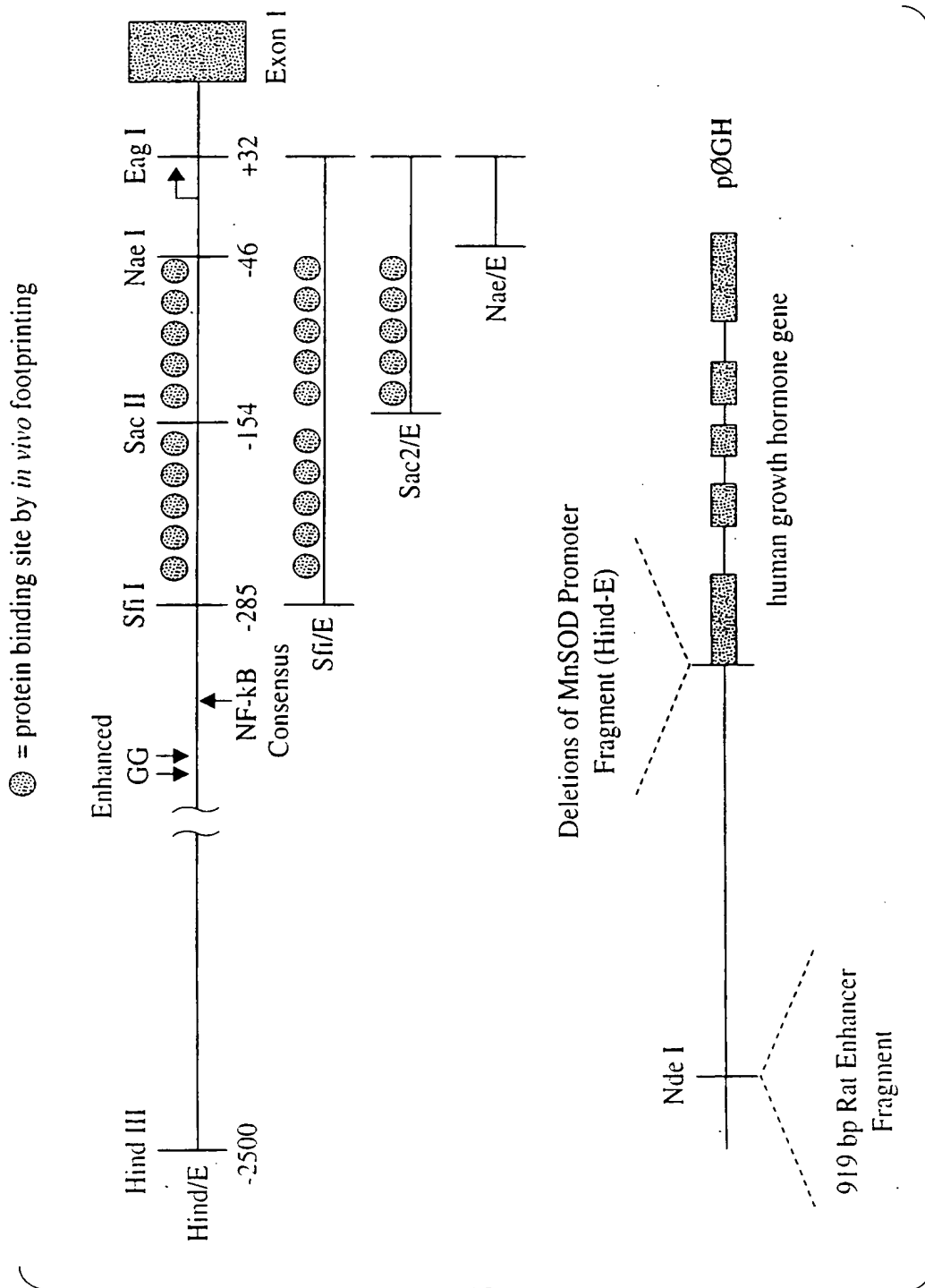


Fig. 8A

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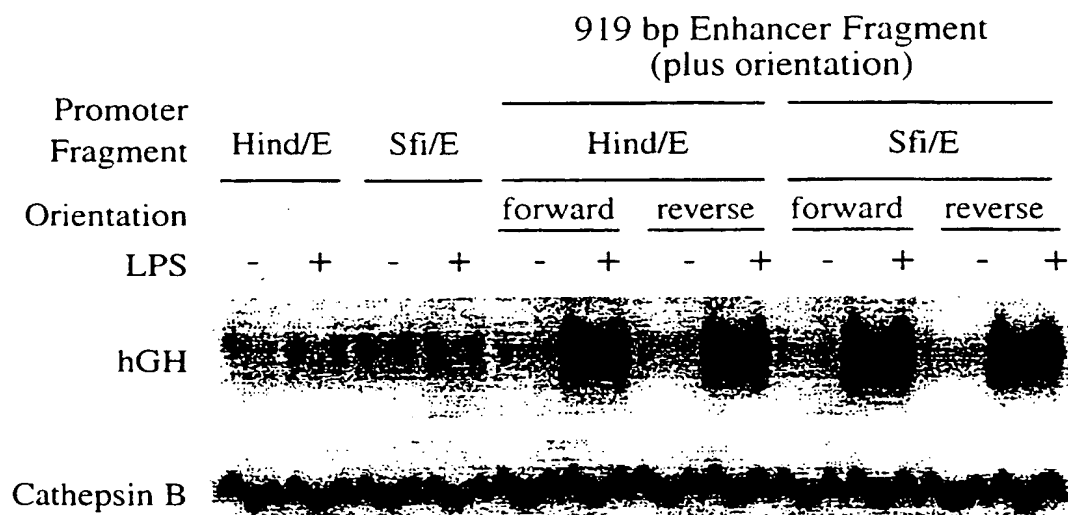


Fig. 8B

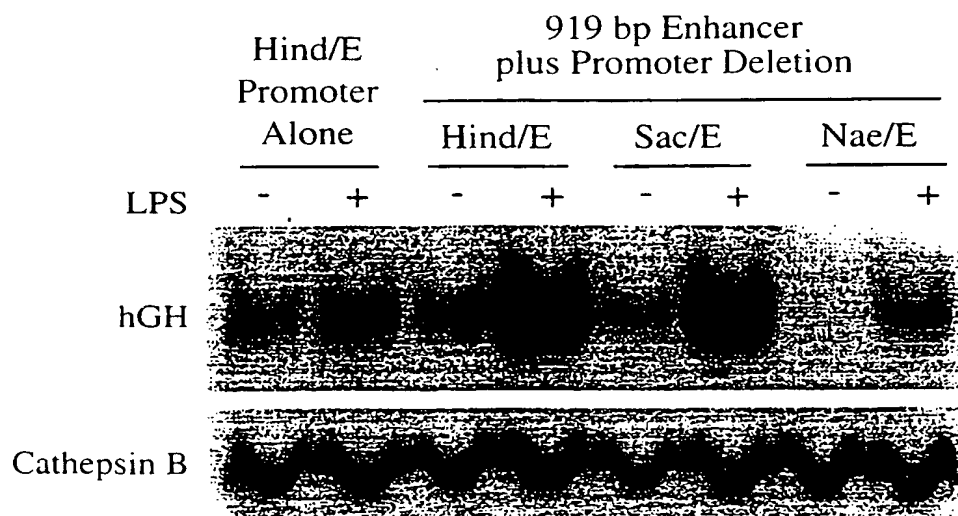


Fig. 8C

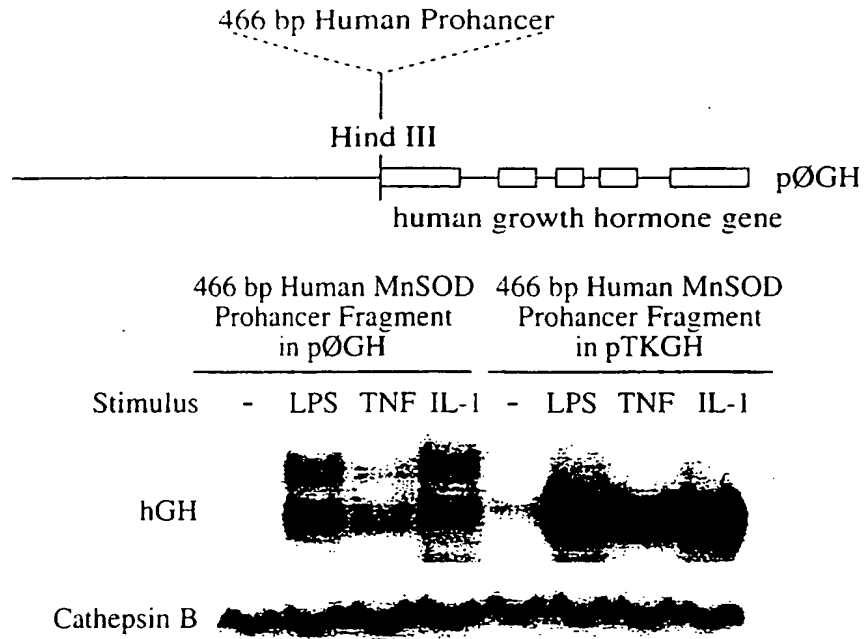


Fig. 9A

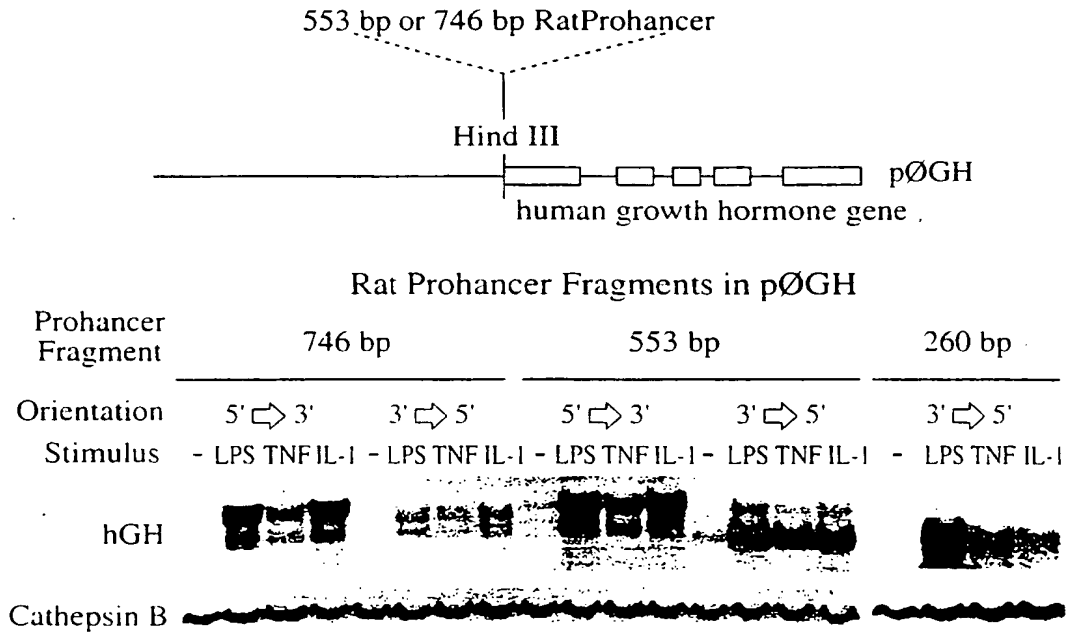


Fig. 9B

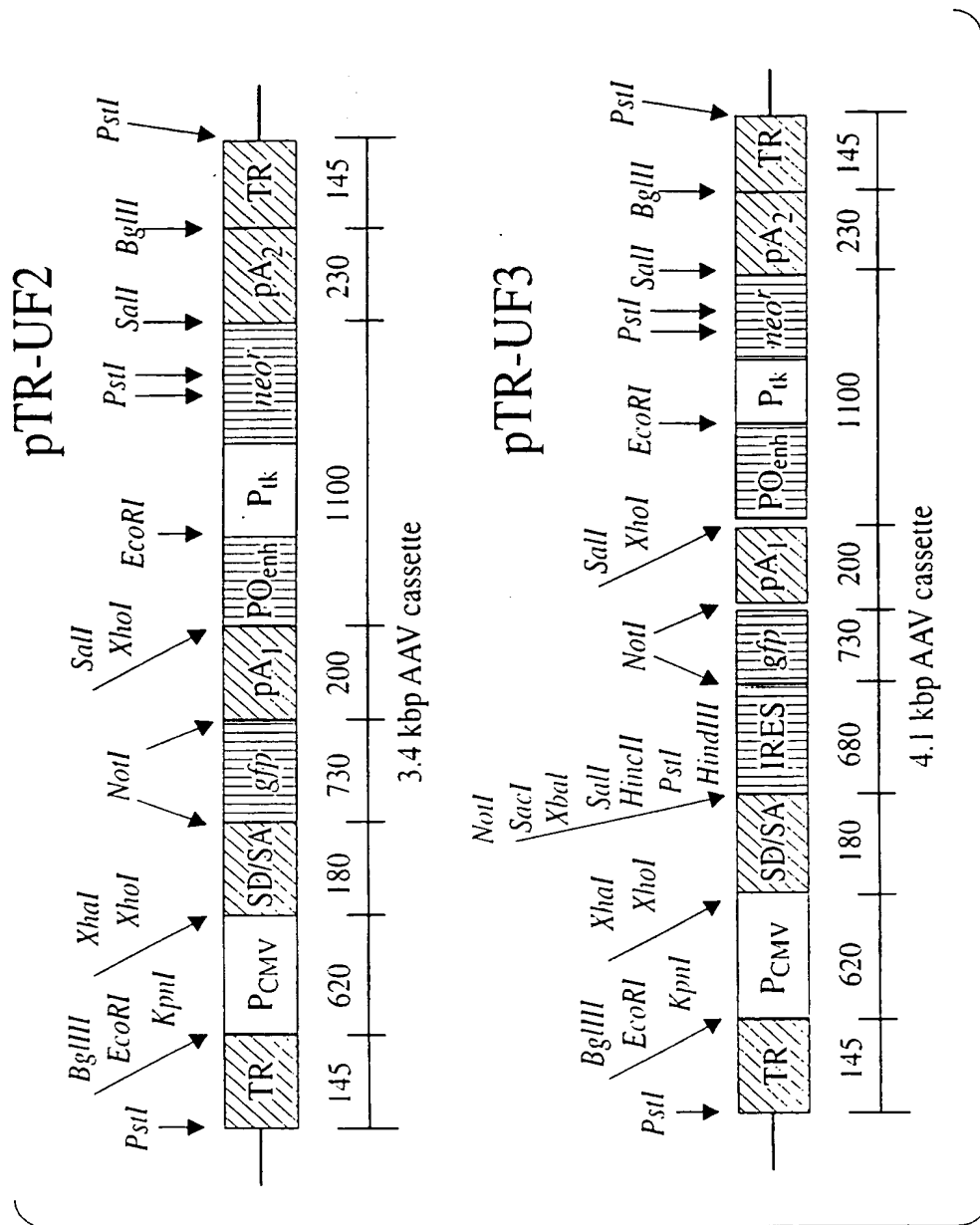


Fig. 10

CFTR AAV CASSETTES

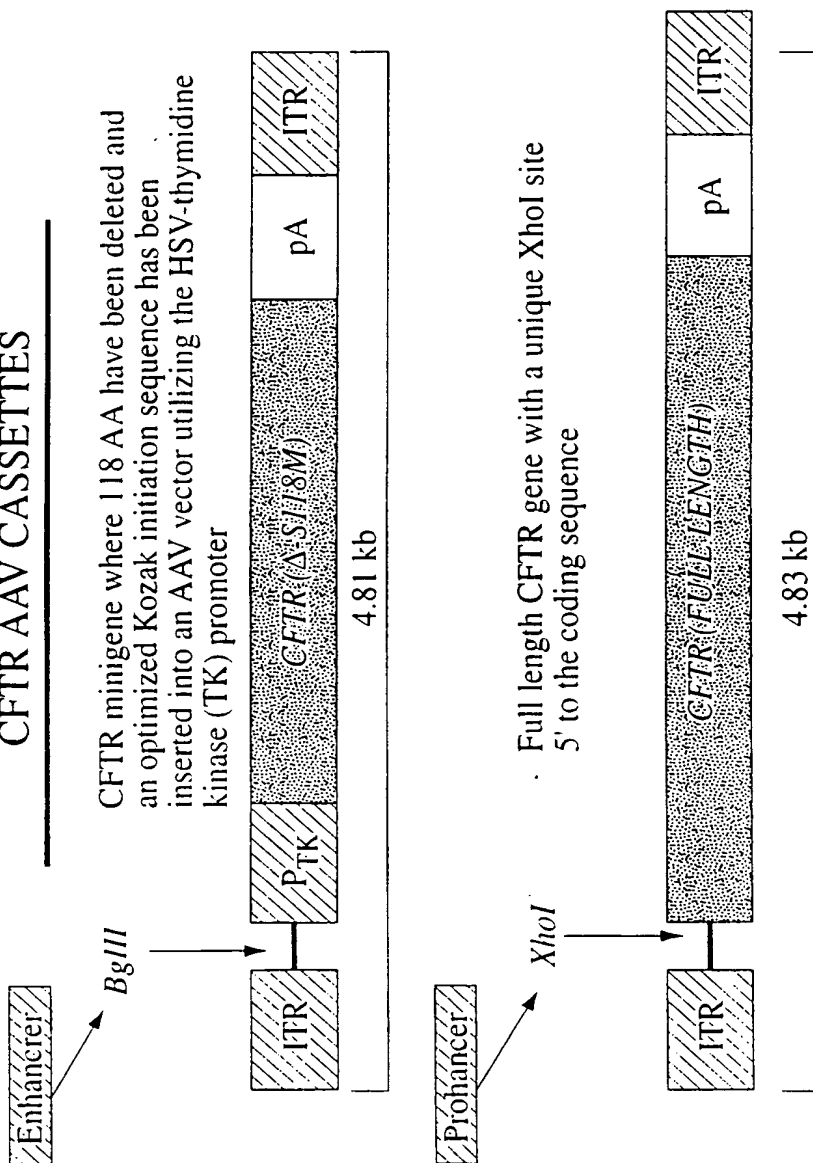


Fig. 11

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Cellular and Stimulus-Specific Responses of the MnSOD Gene

CELL TYPES	LPS	IL-1 β	TNF- α	IL-6	PHORBO LESTER	IFN- γ	GLUCOCORTICOI	ENHANCER RESPONSE TO LPS IL-1 AND TNF
Pulmonary Epithelial	↑↑↑	↑↑↑	↑↑↑	-	↑↑	-	↓↓	X
Pulmonary Microvascular Endothelial	↑↑↑	↑↑↑	↑↑↑	-	↑↑	-	↓↓	X
Pulmonary Fibroblasts	↑↑	↑↑	↑↑	ND	ND	ND	ND	X
Pulmonary Artery Endothelial	↑↑↑	↑↑↑	↑↑↑	-	ND	-	↓↓	X
Small Intestinal Epithelial	↑↑↑	↑↑↑	↑↑↑	-	ND	-	↓↓	X
Small Intestinal Smooth Muscle	↑↑↑	↑↑↑	↑↑↑	-	ND	-	ND	ND
Myenteric Neurons	↑↑↑	↑↑↑	↑↑↑	ND	ND	ND	ND	ND
Hepatocytes	-	-	-	↑↑↑	ND	↑↑↑	↓↓	ND
Hepatoma	-	-	-	↑↑↑	ND	↑↑↑	↓↓	ND
Glomerular Epithelial	↑↑↑	↑↑↑	↑↑↑	ND	↑↑	-	↓↓	ND
Mesangial	↑↑↑	↑↑↑	↑↑↑	-	ND	-	ND	ND
Primary Neuronal	↑↑↑	↑↑↑	↑↑↑	-	ND	↑↑↑	ND	ND
Primary Glial	↑↑↑	↑↑↑	↑↑↑	ND	ND	↑↑↑	ND	X

↑↑↑ 15-20 Fold Induction ↑↑ 5-10 Fold Induction ↓↓ 75-80% Inhibition ND No Data

Fig. 12